

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09/863,054</u>	Prepared by <u>ewc</u>	Tracking Number <u>05974895</u>	
Examiner-GAU <u>Wortman</u>	Date <u>8/27/04</u>	Week Date <u>7-05-04</u>	
<u>1648</u>	No. of queries <u>-1-</u>	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<u>Substitute Sequence Listing per</u> <u>amendment 3-18-04 is not in file</u> <u>Please advise</u> <u>Thank you</u> <u>ewc</u>
b. Text Continuity	
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
c. Duplicate Numbers	
d. Incorrect Numbering	
e. Index Disagrees	
f. Punctuation	
g. Amendments	
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j. Duplicate Text	
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remaining three patients (A-9, A-10, A-13) displayed a variant sequence in which the carboxy-terminal valine was substituted by alanine at position 357. Among the patients infected by the prototype virus, CTL responders and nonresponders to HBsAg₃₄₈₋₃₅₇ were observed, just as for the response to BsAg₃₃₅₋₃₄₃. On the other hand, none of the 3 patients infected by the variant virus displayed a CTL response to the prototype peptide.--

Please replace the paragraph beginning at page 40, line 26, with the following:

--An HBsAg₃₃₅₋₃₄₃ specific CTL line (patient A-1) and an HBsAg₃₄₈₋₃₅₇ specific CTL line (patient A-4) were generated by stimulation with peptide sequences WLSLLVPFV (SEQ ID NO:10) and GLSPTVWLSV (SEQ ID NO:26), respectively. CTL were incubated with ⁵¹Cr-labelled JY target cells that had been preincubated either with media, with the inducing peptide or (in the case of HBsAg₃₄₈₋₃₅₇) with a variant peptide (GLSPTVWLSA (SEQ ID NO:57)). CTL were also incubated with ⁵¹Cr-labelled JY target cells that had been infected with a panel of 6 recombinant vaccinia viruses that express the HBV major (V-HBs), middle (V-preS2), and large (V-preS1) envelope polypeptides derived from ayw and adw HBV genomes. Wild-type vaccinia viruses (V-wt) were used as controls. The HBsAg₃₃₅₋₃₄₃ specific CTL line (right panel) was used at an E:T=40:1. The HBsAg₃₄₈₋₃₅₇ specific CTL line (left panel) was used at an E:T=3:1. Results shown represent % lysis in a 4 hour ⁵¹Cr release assay.--

Please cancel the present "SEQUENCE LISTING", pages 42-49, and insert therefor the accompanying paper copy of the Substitute Sequence Listing, page numbers 1 to 18, at the end of the application. Cancel the page numbers for the Claims and Abstract and renumber as pages 42-44, accordingly.